

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/609,113
Filing Date	June 27, 2003
First Named Inventor	Scott B. Bintrim
Art Unit	1636
Examiner Name	
Attorney Docket Number	DAS-101XC2

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 6,043,415	03-28-2000	Strizhov et al.	columns 3-18
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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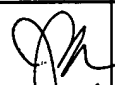
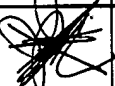
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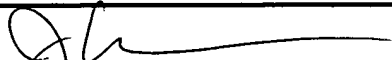
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NON PATENT LITERATURE DOCUMENTS

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	2	HARRISON. H. et al., "Paenibacillus Associated with Milky Disease in Central and South American Scarabs," J. Invertebr. Pathol. (October 2000), pp. 169-175, Vol. 76, No. 3	
	3	PATEL, R. et al., "Detection of Two New cry Genes in Paenibacillus popillae," Abstracts of the General Meeting of the American Society for Microbiology (May 24, 2000), p. 476, vol. 100 (abstract)	

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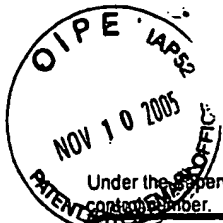
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		Number - Kind Code ² (if known)			
	U1	US- 5,712,248	01-27-1998	Kalman <i>et al.</i>	All
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

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U. S. PATENT DOCUMENTS

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		Country Code*+Number*+Kind Code* (if known)	MM-DD-YYYY		
	6	WO 95/00647 A1	01-05-1995	Smigielski	(review all)
	7	WO 98/08388 A1	03-05-1998	Jarrett et al.	(review all)
	8	WO 99/03328 A1	01-28-1999	East	(review all)
	9	WO 99/42589 A2	08-26-1999	Kramer et al.	(review all)
	10	WO 99/54472 A1	10-28-1999	Kramer et al.	(review all)
	11	WO 00/30453 A2	06-02-2000	Jarrett et al.	(review all)

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Application Number	10/609,113	
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	First Named Inventor	Scott B. Bintrim
	Art Unit	
	Examiner Name	
Attorney Docket Number	DAS-101XC2	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	16	CRICKMORE et al., "Revision of the Nomenclature for the Bacillus thuringiensis Pesticidal Crystal Proteins," Microbiol. Mol. Bio. Review (9/98), p. 807-813, vol. 62, no. 3	
	17	FFRENCH-CONSTANT et al., "Novel insecticidal toxins from nematode-symbiotic bacteria," Cellular and Mol. Life Sciences (5/00), p. 828-833, vol. 57, no. 5 (abstract)	
	18	FFRENCH-CONSTANT et al., "A Genomic Sample Sequence of the Entomopathogenic Bacterium Photorhabdus...", Appl. Environ. Microbiol. (8/00), p. 3310-3329, vol. 66, no. 8	
	19	FORST et al., "Molecular Biology of the Symbiotic-Pathogenic Bacteria Xenorhabdus spp. and Photorhabdus spp.," Microbiological Reviews (3/96), p. 21-43, vol. 60, no. 1	
	20	HOFTE et al., "Insecticidal Crystal Proteins of Bacillus thuringiensis," Microbiological Reviews (6/89), p. 242-255, vol. 53, no. 2	
	21	MORGAN et al., Xenorhabdus nematophilus genes, GENBANK Accession No. AJ308438 (May 11, 2001)	
	22	MORGAN et al., "Sequence Analysis of Insecticidal Genes from Xenorhabdus nematophilus PMFI296," Appl. Environ. Microbiol. (5/01), p. 2062-2069, vol. 67, no. 5	
	23	PETTERSSON et al., "Transfer of Bacillus lentimorbus and Bacillus popilliae to the genus Paenibacillus...", Int. J. Syst. Bacteriol. (1999), p. 531-540, vol. 49, no. 2 (abstract)	
	24	SHIDA et al., "Emended description of Paenibacillus amylolyticus and description of Paenibacillus...", Int. J. Syst. Bacteriol. (1997), p. 299-306, vol. 47, no. 2 (abstract)	
	25	WATERFIELD et al., "Oral Toxicity of Photorhabdus luminescens W14 Toxin Complexes in Escherichia coli," Appl. Environ. Microbiol. (11/01), p. 5017-5024, vol. 67, no. 11	

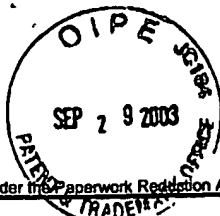
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NON PATENT LITERATURE DOCUMENTS

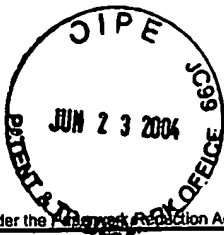
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	26	WIDNER et al., "Two Highly Related Insecticidal Crystal Proteins of Bacillus thuringiensis subsp. kurstaki Possess..." J. Bacteriol. (2/89), p. 965-974, vol. 171, no. 2	
	27	ZHANG et al., "Cloning and Analysis of the First cry Gene from Bacillus popilliae," J. Bacteriol. (7/97), p. 4336-4341, vol. 179, no. 13	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	2	WO 97/17432 A1	05-15-1997	Ensign et al.	Pls review all	
	3	WO 98/08932 A1	03-05-1998	Ensign et al.	Pls review all	
	4	WO 98/50427 A1	11-12-1998	Ensign et al.	Pls review all	

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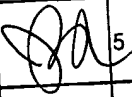

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	5	BOWEN, D. et al., Photorhabdus luminescens insecticidal toxin complex proteins..., GENBANK Accession No. AF046867 (June 30, 1998)	
	6	BOWEN, D. et al., insecticidal toxin complex protein TcaC (Photorhabdus luminescens), GENBANK Accession No. AAC38625 (June 30, 1998)	
	7	CAMPOBASSO, N. et al., Chain A, Thiaminase I from Bacillus thiaminolyticus, GENBANK Accession No. 2THI_A (September 17, 1998)	
	8	COSTELLO, C.A. et al., Thiaminase I precursor, GENBANK Accession No. AAC44156 (July 22, 1996)	
	9	DONOVAN, W.P. et al., Bacillus thuringiensis cryIIIB2 gene, complete cds. GENBANK Accession No. M89794 (April 26, 1993)	
	10	HERRNSTADT, C. et al., B. thuringiensis cryC gene encoding delta-endotoxin, 5' end, GENBANK Accession No. M22472 (April 26, 1993)	
	11	HURST, M.R. et al., SepB (Serratia entomophila), GENBANK Accession No. AAG09643 (November 5, 2003)	
	12	HURST, M.R. et al., SepC (Serratia entomophila), GENBANK Accession No. AAG09644 (November 5, 2003)	
	13	LAMBERT, B. et al., B. thuringiensis cryIIID gene for coleopteran-active insecticidal crystal protein, GENBANK Accession No. X59797 (March 10, 1992)	
	14	MORGAN et al., XptB1 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38402 (May 11, 2001)	

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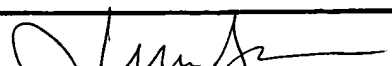
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/609,113		
		Filing Date	June 27, 2003		
		First Named Inventor	Scott B. Bintrim		
		Art Unit			
		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	DAS-101XC2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	15	MORGAN et al., XptC1 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38403 (May 11, 2001)	
	16	SICK, A. et al., Bacillus thuringiensis cryIIIB gene for coleopteran-active delta-endotoxin (partial), GENBANK Accession No. X17123 (June 22, 1992)	
	17	WATERFIELD, N.R. et al., Itoxin complex protein (Photorhabdus luminescens), GENBANK Accession No. AAL18473 (October 25, 2001)	
	18	WATERFIELD, N.R. et al., TcdB1; toxin complex protein (Photorhabdus luminescens), GENBANK Accession No. AAL18487 (July 17, 2003)	
	19	WATERFIELD, N.R. et al., TccC2 (Photorhabdus luminescens), GENBANK Accession No. AAL18492 (July 17, 2003)	
	20	WATERFIELD, N.R. et al., TccC4 (Photorhabdus luminescens), GENBANK Accession No. AAO17196 (July 17, 2003)	
	21	WATERFIELD, N.R. et al., TcdB2 (Photorhabdus luminescens), GENBANK Accession No. AAO17202 (July 17, 2003)	
	22	WATERFIELD, N.R. et al., TccC3 (Photorhabdus luminescens), GENBANK Accession No. AAO17204 (July 17, 2003)	
	23	WATERFIELD, N.R. et al., TccC5 (Photorhabdus luminescens), GENBANK Accession No. AAO17210 (July 17, 2003)	

Examiner Signature		Date Considered	4/11/06
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